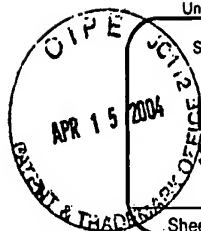


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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Complete if Known

Application Number	10/756,156
Filing Date	JANUARY 13, 2004
First Named Inventor	Wesley N. Cobb
Art Unit	
Examiner Name	
Attorney Docket Number	ASI.01

U. S. PATENT DOCUMENTS

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
Bm		US- 6,481,268 B1	11-19-2002	Povey, et al.	
		US- 6,401,538 B1	06-11-2002	Han, et al.	
		US- 6,295,873 B1	10-02-2001	Condreva	2:20-24
		US- 6,109,098	08-29-2000	Dukhin, et al.	1:17-20,2:9-27,2:55-
		US- 6,029,507	02-29-2000	Faber, et al	
		US- 5,627,323	05-06-1997	Stern	
		US- 5,623,095	04-22-1997	Beller	4:22-29, 6:10-15
		US- 5,569,844	10-29-1996	Sowerby	7:18-50, 11:60-62
		US- 5,473,934	12-12-1995	Cobb	6:12-55, 8:35-50
		US- 5,121,629	06-16- 1992	Alba	3:55-68,4:30-40, Fig5
		US- 5,060,507	10-29-1991	Urmson, et al.	
		US- 4,852,396	08-01-1989	Tavlarides, et al.	
		US- 4,773,267	09-27-1988	Abts	2:23-31
		US- 4,706,509	11-17-1987	Riebel	2:15-60
		US- 4,412,451	11-01-1983	Uusitalo, et al.	9:30-35
	US- 3,779,070	12-18-1973	Cushman, et al.	3:35-60	
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ "Number" ⁴ "Kind Code" ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
Bm		WO 97/00436	01-03-1997	Sowerby, et. al	p7:4-11,p2:5-23	

Examiner Signature	<i>Bore Miller</i>	Date Considered	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/756,156
		Filing Date	JANUARY 13, 2004
		First Named Inventor	Wesley N. Cobb
		Art Unit	
		Examiner Name	
Sheet 2 of 2	Attorney Docket Number	ASI.01	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>WNC</i>		PETERS, F AND PETIT, L, A broad band spectroscopy method for ultrasound wave velocity and attenuation measurement in dispersive media, Ultrasonics, 2003, 357-363, 41	
<i>WNC</i>		COGHILL, P.J., M. J. MILLEN and B. D. SOWERBY, On-line measurement of particle size in mineral slurries, Minerals Engineering, 2002, 83-90, 15	
<i>WNC</i>		HIPP, A.K., B. WALKER, M. MAZZOTTI, and M. MORBIDELLI, In-situ monitoring of batch crystallization by ultrasound spectroscopy, Ind. Eng. Chem. Res. 2000, 783-389, 39.	
<i>WNC</i>		SCOTT, D.M., A BOXMAN, C.E. JOCHEN, In-line particle characterization, Part. Part. Syst. Charact. 1998, 47-50, 15.	
<i>WNC</i>		COGHILL, P.J., M. J. MILLEN and B. D. SOWERBY, On-line particle size analysis using ultrasonic velocity spectrometry, Part. Part. Syst. Charact. 1997, 116-121, 14.	
<i>WNC</i>		DUKHIN, A.S. and P.J. GOETZ, Acoustic and electroacoustic spectroscopy, Langmuir 1996, 4336-4344, 12.	
<i>WNC</i>		MCCLEMENTS, D.J., Principles of ultrasonic droplet size determination in emulsions, Langmuir, 1996, 3454-3461, 12.	
<i>WNC</i>		SCOTT, D.M., A. BOXMAN, C.E. JOCHEN, Ultrasonic measurements of sub-micron particles, Part. Part. Syst. Charact. 1995, 269-273, 12.	
<i>WNC</i>		RIEBEL, U., and F. LOFFLER, The fundamentals of particle size analysis by means of ultrasonic spectrometry, Part. Part. Syst. Characteristics, 1989, 135-143, 6.	
<i>WNC</i>		PAPADAKIS, E. P., Physical Acoustics, Principles and Methods, edited by W.P. Mason and R.N. Thurston, New York, Academic Press, 1976, v. 12, 277-374	

Examiner Signature	<i>Wesley N. Cobb</i>	Date Considered	9/29/05
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